

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|  |   |                                   |
|--|---|-----------------------------------|
| In re Application of: <b>Stewart COLE et al.</b> | ) |                                   |
|  | ) |                                   |
| Application No.: 10/510,021                      | ) |                                   |
|  | ) | Group Art Unit: 1645              |
| Filed: October 1, 2004                           | ) |                                   |
|  | ) | Examiner: Rodney P. Swartz, Ph.D. |
| For: <b>IDENTIFICATION OF</b>                    | ) |                                   |
| <b>VIRULENCE ASSOCIATED</b>                      | ) | Confirmation No.: 3824            |
| <b>REGIONS RD1 AND RD5</b>                       | ) |                                   |
| <b>LEADING TO IMPROVE</b>                        | ) |                                   |
| <b>VACCINE OF M. BOVIS BCG</b>                   | ) |                                   |
| <b>AND M. MICROTI</b>                            | ) |                                   |

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**AMENDMENT UNDER 37 C.F.R. § 1.312**

Please amend the above-identified application as follows:

**Amendments to the specification** are included herein and begin on page 2.